

**PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Docket No: 30205/39380**

**PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. 1.53**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing is the patent application of:

Inventors: Jong Goo Jung and Sang Ick Lee

Title: CMP SLURRY COMPOSITIONS FOR OXIDE FILMS AND METHODS FOR  
FORMING METAL LINE CONTACT PLUGS USING THE SAME

**1. Type of Application**

- ☒ This is a new application for a  
☒ utility patent.  
☐ design patent.  
☐ This is a continuation-in-part application of prior application no.

**2. Application Papers Enclosed**

- 1 Title Page  
10 Pages of Specification (excluding Claims, Abstract, Drawings & Sequence Listing)  
4 Pages of Claims  
1 Page of Abstract  
7 Sheets of Drawings (Figs. 1A - 2D)  
☒ Formal  
☐ Informal

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**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on **June 25, 2003**, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EV 341 012 620 US.

  
Richard Zimmermann

**3. Declaration or Oath**

- ☒ Enclosed
- ☒ Executed by (check all applicable boxes)
- ☒ Inventors
- ☐ Legal representative of inventor(s)  
(37 CFR 1.42 or 1.43)
- ☐ Joint inventor or person showing a proprietary interest  
on behalf of inventor who refused to sign or cannot be  
reached
- ☐ The petition required by 37 CFR 1.47 and the statement  
required by 37 CFR 1.47 are enclosed. See Item 5D  
below for fee.
- ☐ Not enclosed - the undersigned attorney or agent is authorized to file this  
application on behalf of the applicant(s). An executed declaration will follow.

**4. Small Entity Status**

- ☐ Applicant claims small entity status. See 37 CFR 1.27.

**5. Additional Papers Enclosed**

- ☐ Preliminary Amendment
- ☒ Information Disclosure Statement
- ☐ Declaration of Biological Deposit
- ☐ Computer readable copy of sequence listing containing nucleotide and/or  
amino acid sequence
- ☐ Microfiche computer program
- ☐ Associate Power of Attorney
- ☐ Verified translation of a non-English patent application
- ☐ An assignment of the invention
- ☐ Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)
- ☒ Return receipt postcard
- ☐ Other

**6. Priority Applications Under 35 USC 119**

Certified copies of the application from which priority under 35 USC 119 is claimed  
is listed below and

- ☒ is attached.
- ☐ will follow.

| COUNTRY | APPLICATION NO. | FILED         |
|---------|-----------------|---------------|
| Korean  | 2002-41774      | July 16, 2002 |

**7. Filing Fee Calculation (37 CFR 1.16)**

**A. ☒ Utility Application**

**CLAIMS AS FILED - INCLUDING PRELIMINARY AMENDMENT (IF ANY)**

|  |           |           | SMALL ENTITY |          | OTHER THAN A SMALL ENTITY |          |
|--|-----------|-----------|--------------|----------|---------------------------|----------|
|  | NO. FILED | NO. EXTRA | RATE         | FEE      | RATE                      | FEE      |
| BASIC FEE  |           |           |              | \$375.00 |                           | \$750.00 |
| TOTAL  | 22 - 20   | = 2       | X 9 =        | ~\$      | X 18 =                    | \$36.00  |
| INDEP.   | 2 - 3     | = 0       | X 42 =       | \$       | X 84 =                    | \$0.00   |
| : First Presentation of Multiple Dependent Claim |           |           | + 140 =      | \$       | + 280 =                   | \$       |
| Filing Fee:                                      |           |           |              | \$       | <b>OR</b>                 | \$786.00 |

**B. Design Application**

Filing Fee: \$ \_\_\_\_\_

**C. Plant Application**

Filing Fee: \$ \_\_\_\_\_

**D. Other Fees**

- ☐ Recording Assignment \$ \_\_\_\_\_
- ☐ Petition fee for filing by other than all the inventors  
or person on behalf of the inventor where inventor refused  
to sign or cannot be reached \$ \_\_\_\_\_
- ☐ Other \$ \_\_\_\_\_

**Total Fees Enclosed \$ 786.00**

**8. Method of Payment of Fees**

- ☒ Enclosed check in the amount of: \$ 786.00
- ☐ Charge Deposit Account No. 13-2855 in the amount of: \$ \_\_\_\_\_  
A copy of this Transmittal is enclosed.
- ☐ Not enclosed

**9. Deposit Account and Refund Authorization**

The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required during the pendency of this application under 37 CFR 1.16 or 37 CFR 1.17 or under other applicable rules (except payment of issue fees), to Deposit Account No. 13-2855. A copy of this Transmittal is enclosed.

Please refund any overpayment to Marshall, Gerstein & Borun at the address below.

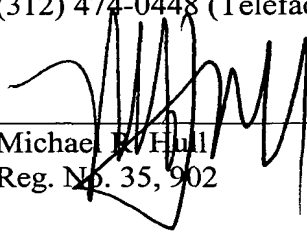
**10. Correspondence Address**  
Customer No.: 04743

Respectfully submitted,

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June 25, 2003

By:

  
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Michael R. Hull  
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